



Social Network Analysis

Measuring intersectoral collaboration in
public health

PHABC 2013

Social Network Analysis Workshop

PHABC 2013

Your organization:

Which organizations do you collaborate with?

List as many or as few as you like, up to a **maximum of 20**:

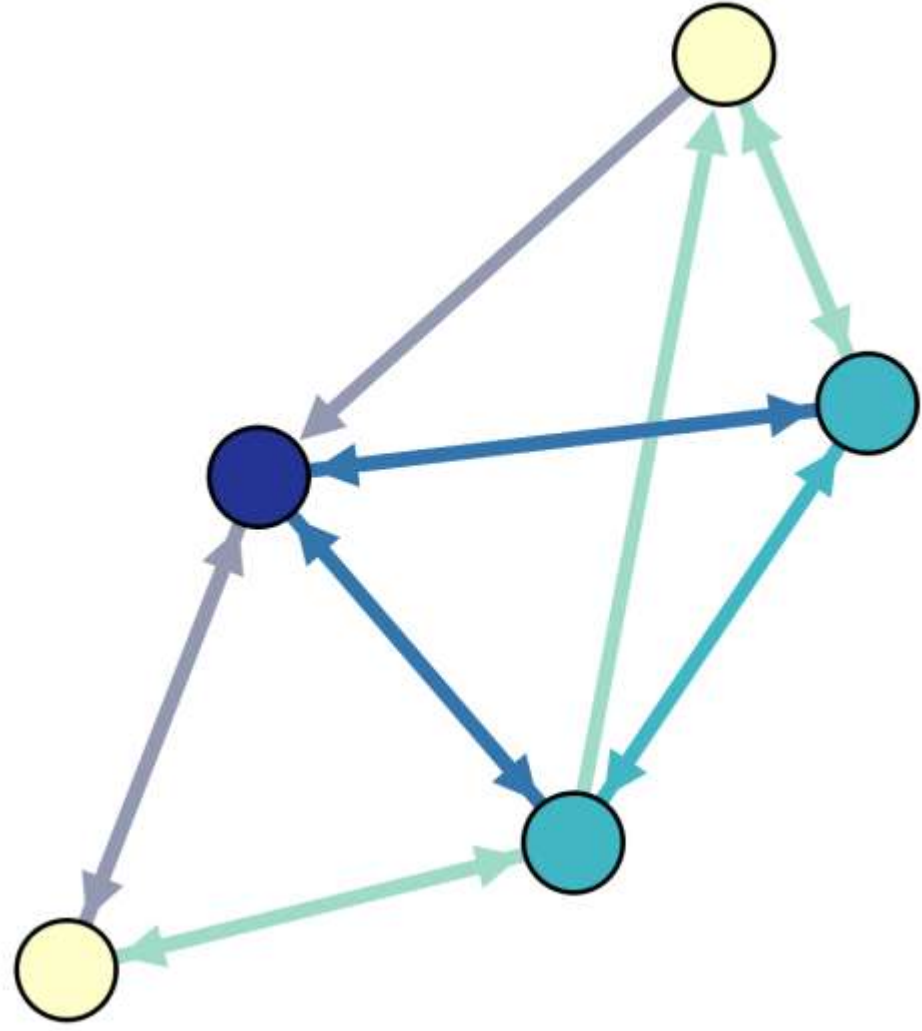
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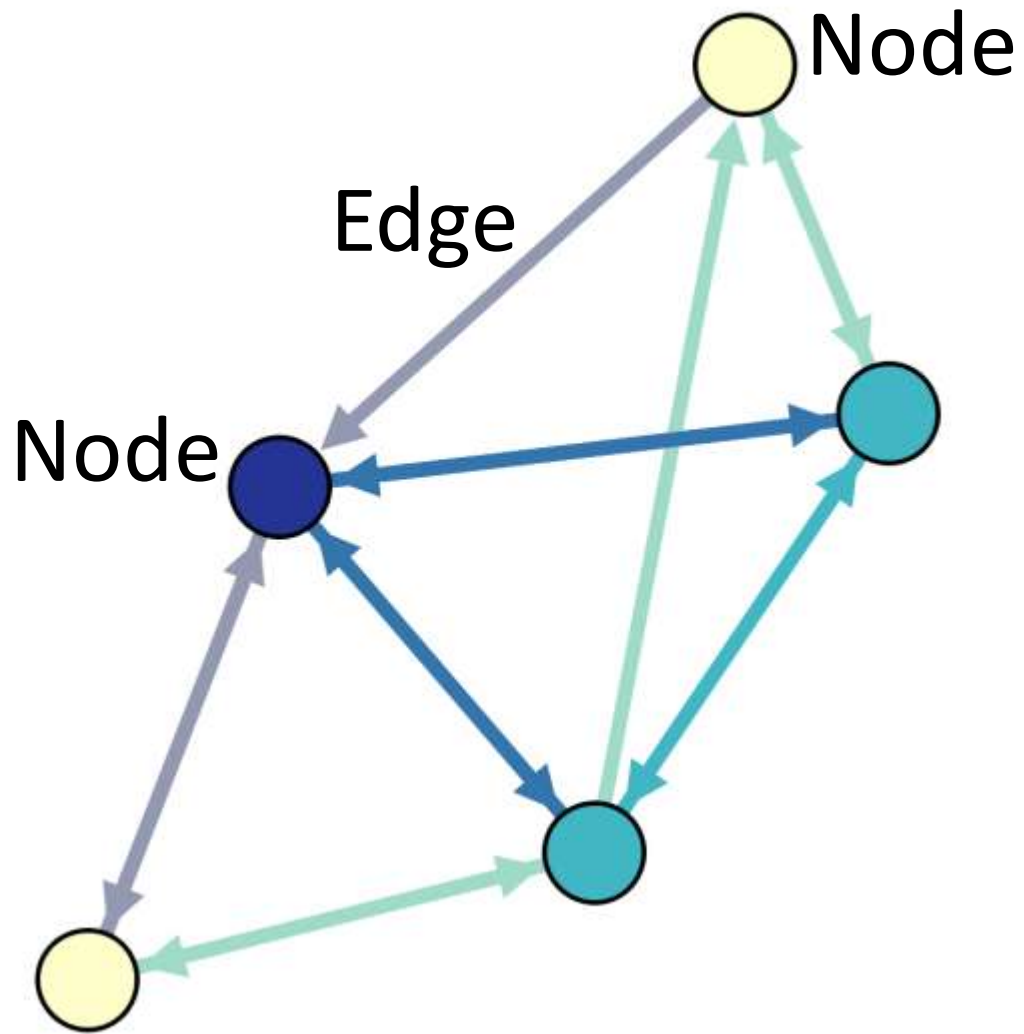
Overview

- Introduction
- Social network analysis basics
- Example: Intersectoral collaboration social network analysis study – ELPH project
- Demonstration of social network analysis
- Discussion

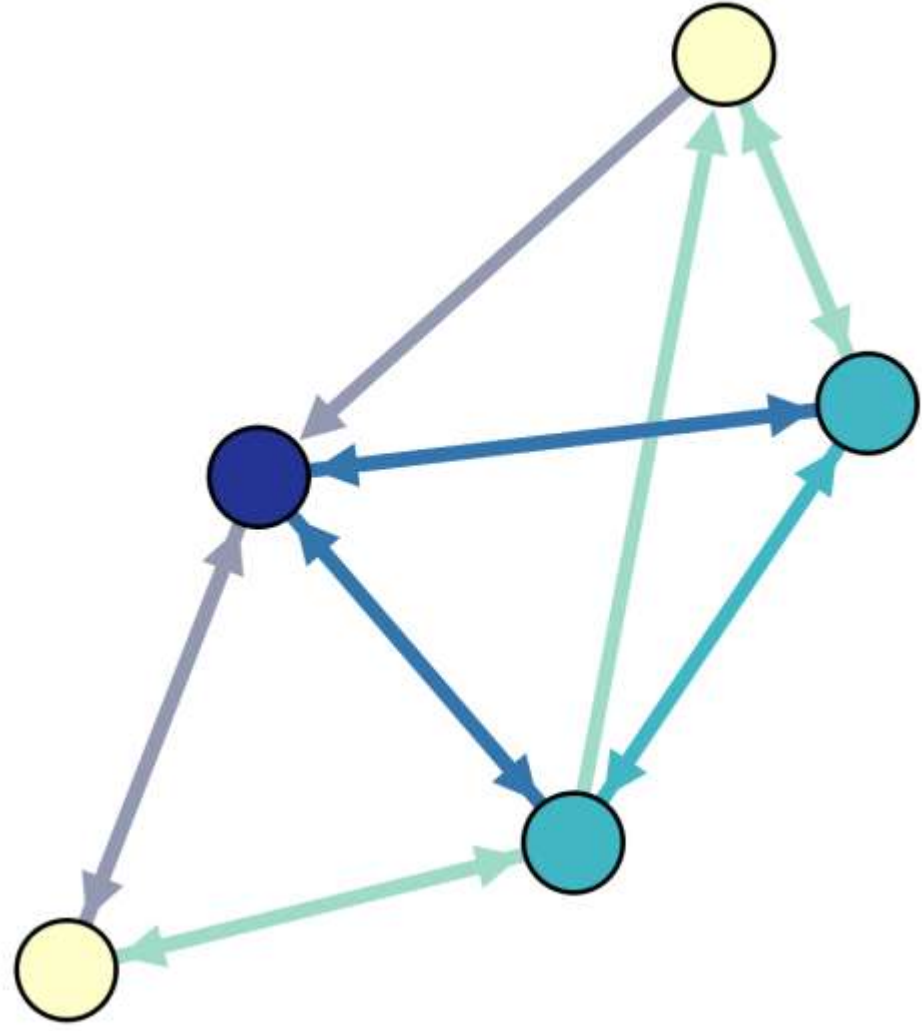
Social network analysis research in public health

- Disease transmission
- Diffusion of innovation
- Behavioural research
- Organizational networks
- Inter-organizational networks

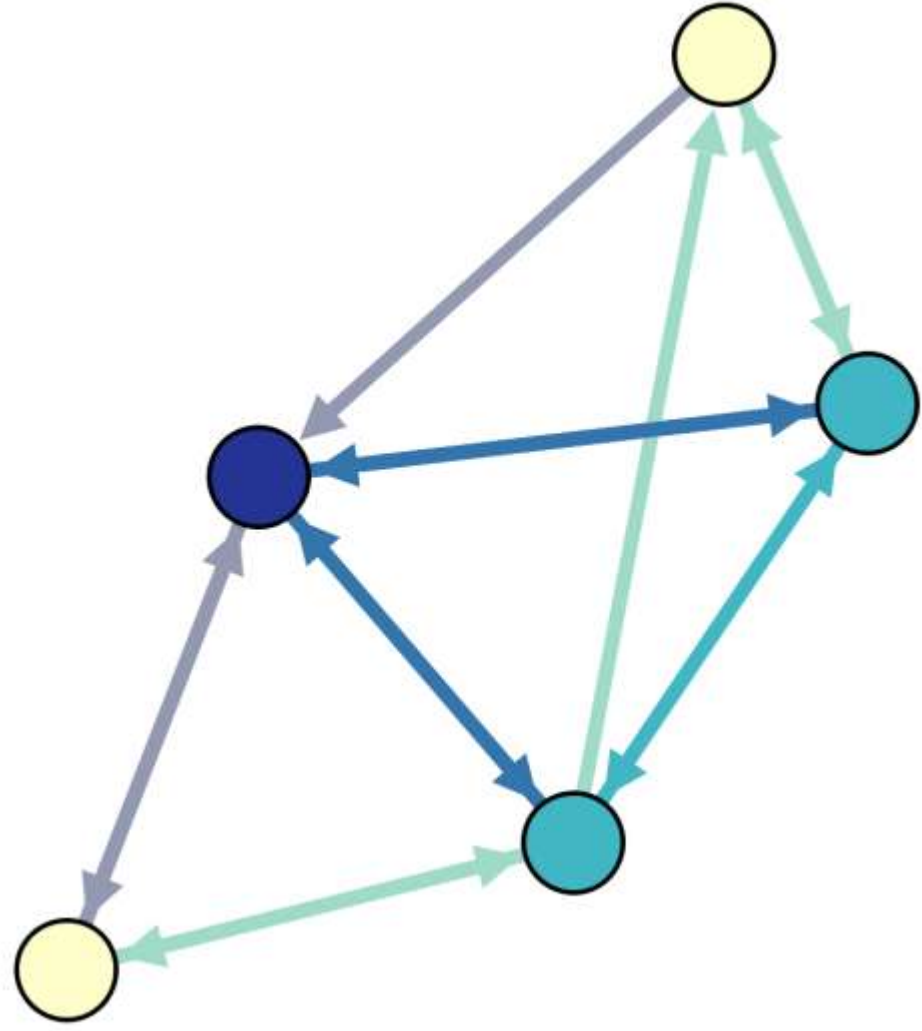


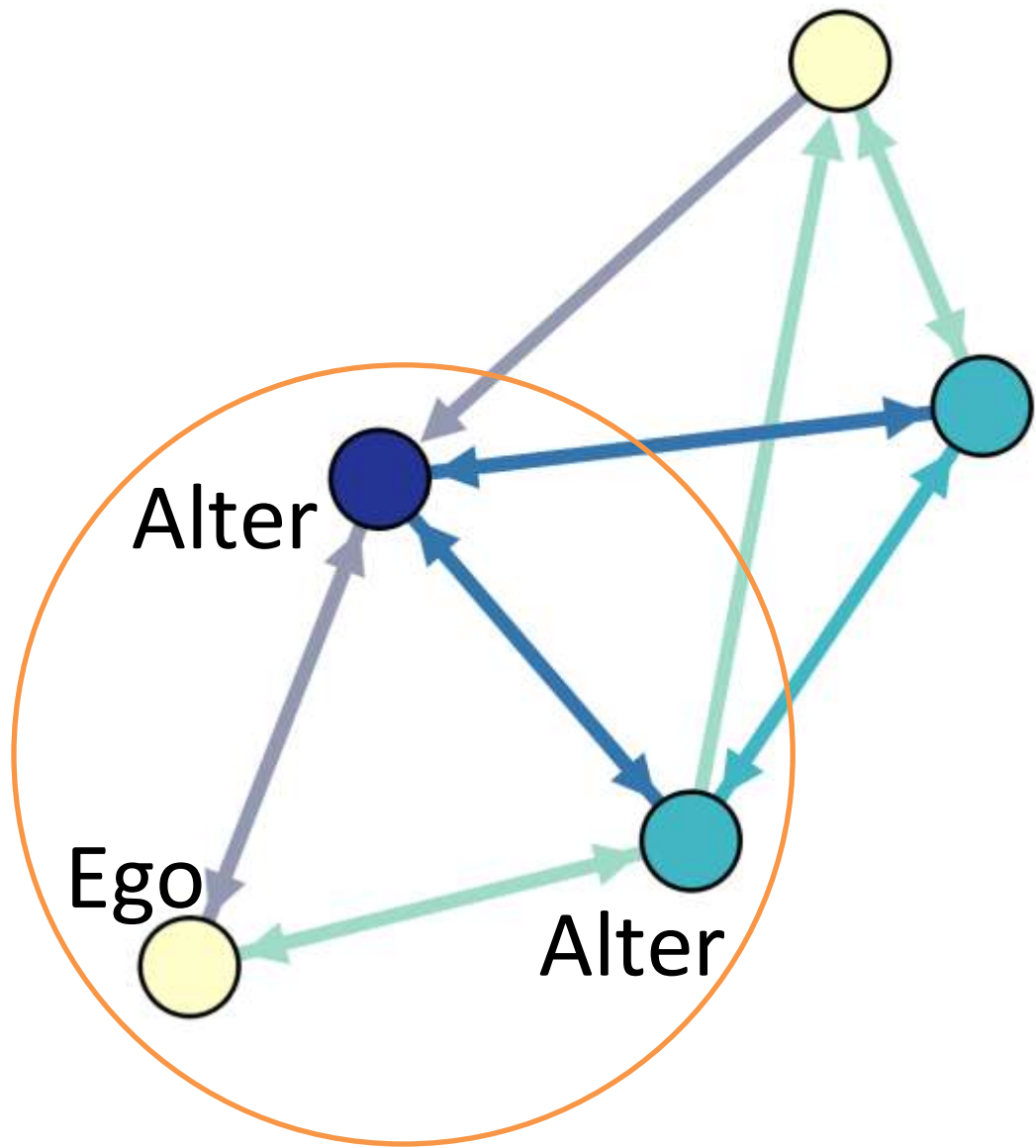


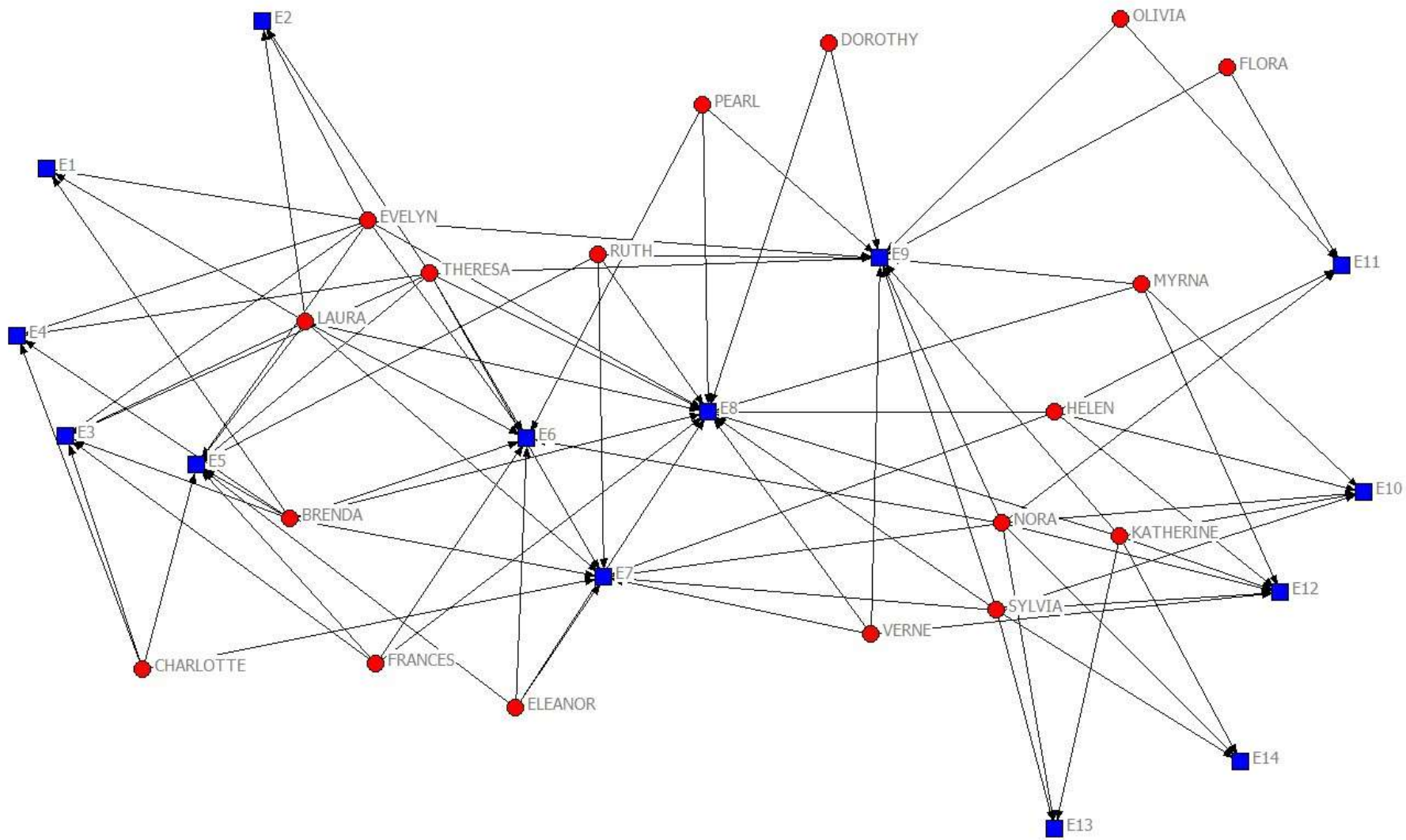
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	A	B	C	D	E
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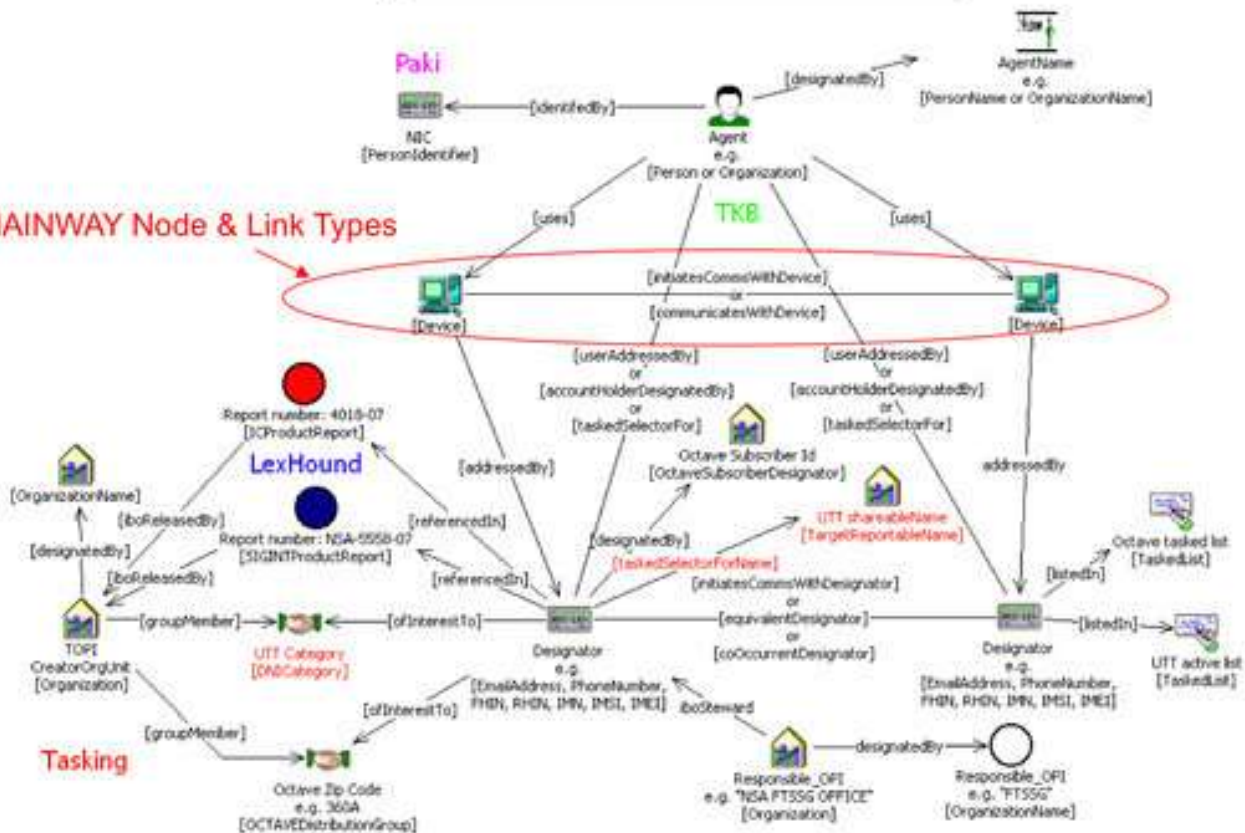


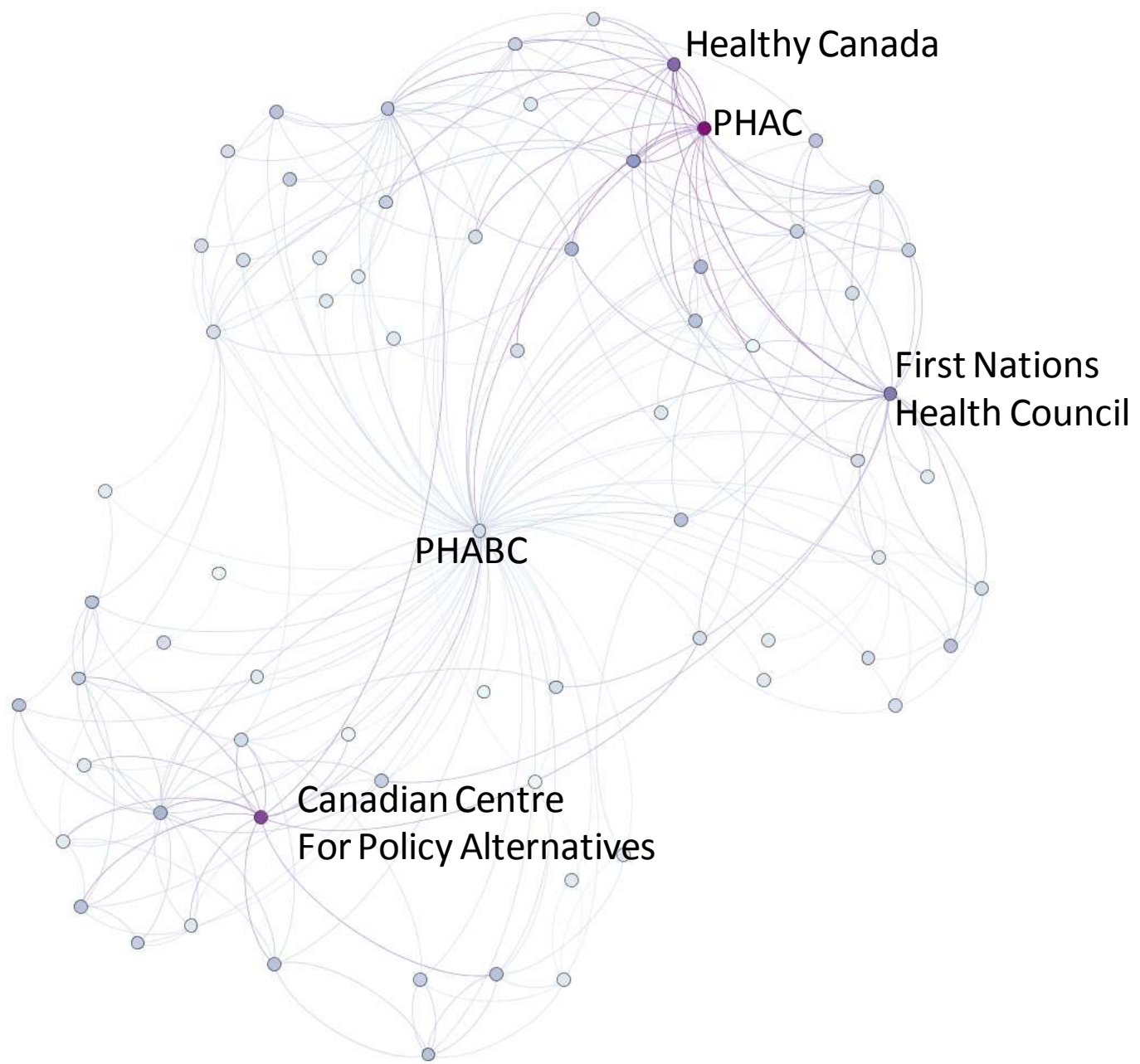


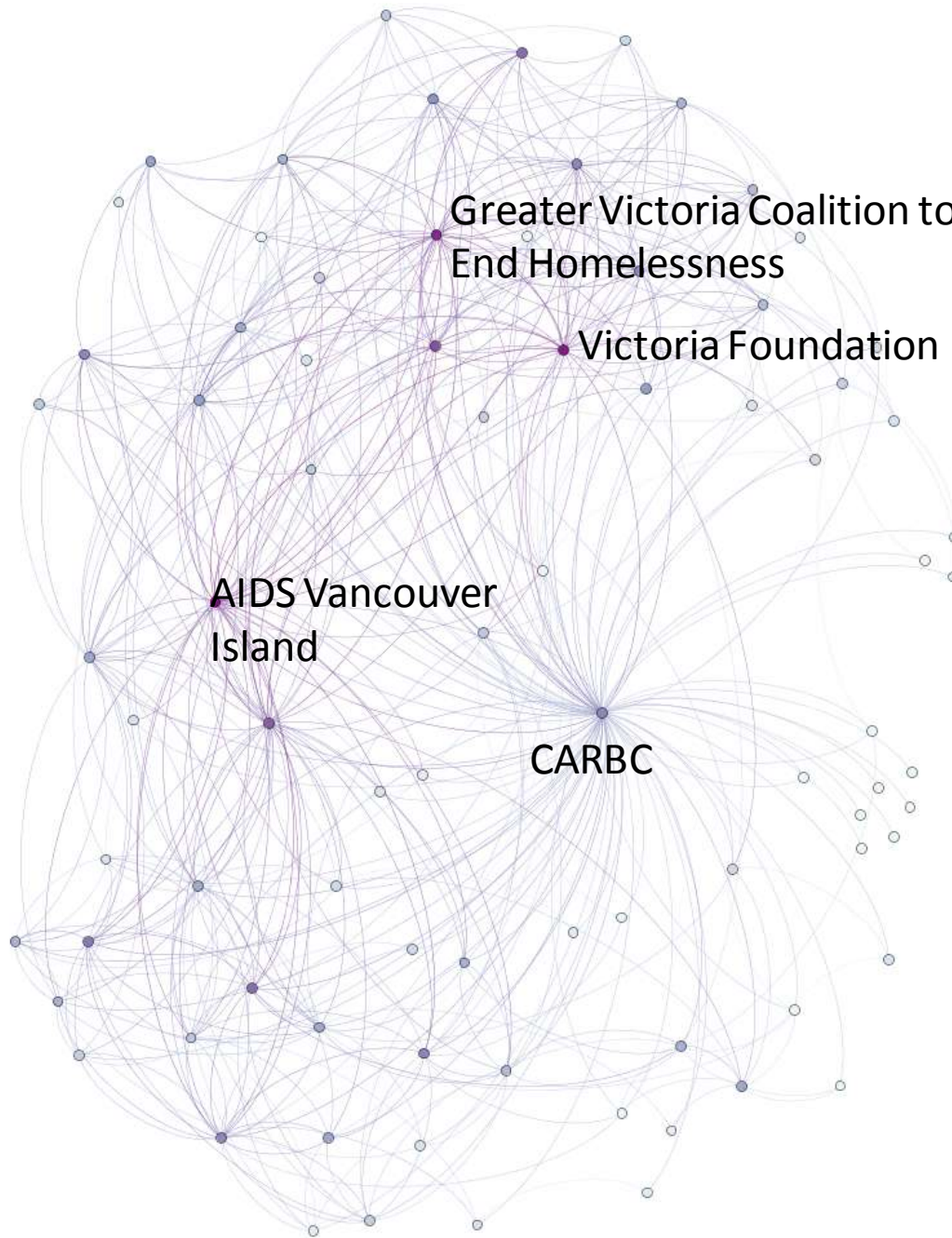
(S//SI//REL USA, FVEY) SYANPSE Data Model

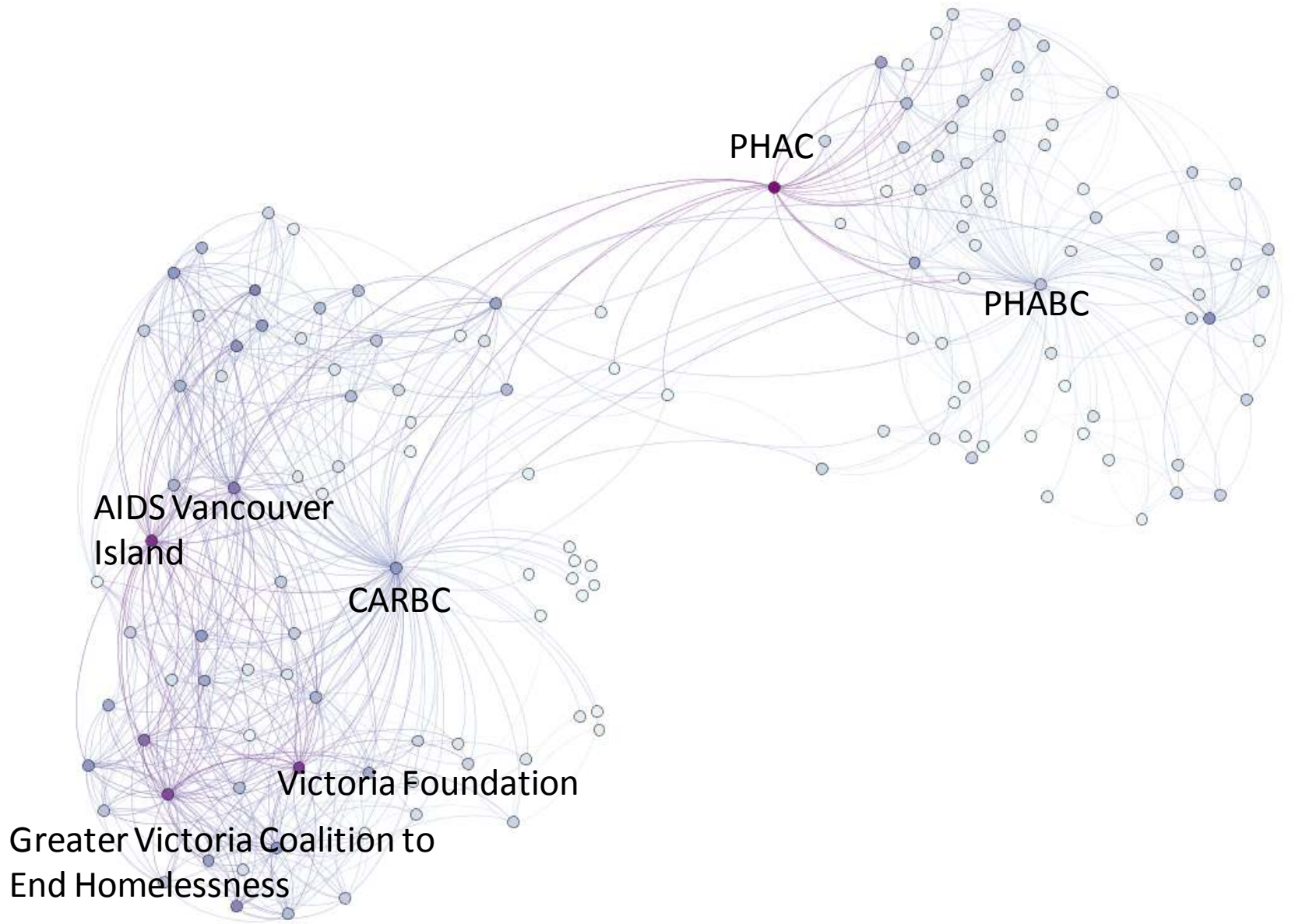
CLASSIFICATION: SECRET//COMINT//REL TO USA, AUS, CAN, GBR, NZJ(20291123)

MAINWAY Node & Link Types









Intersectoral Collaboration for Health Inequities Reduction

- Who do public health practitioners engage with?
- What opportunities exist to strengthen intersectoral engagement?
- How does this change over time?



Collecting SNA data

- Demographics
- List generating questions
- Relationship type
- Relationship qualities
- Alter-alter questions

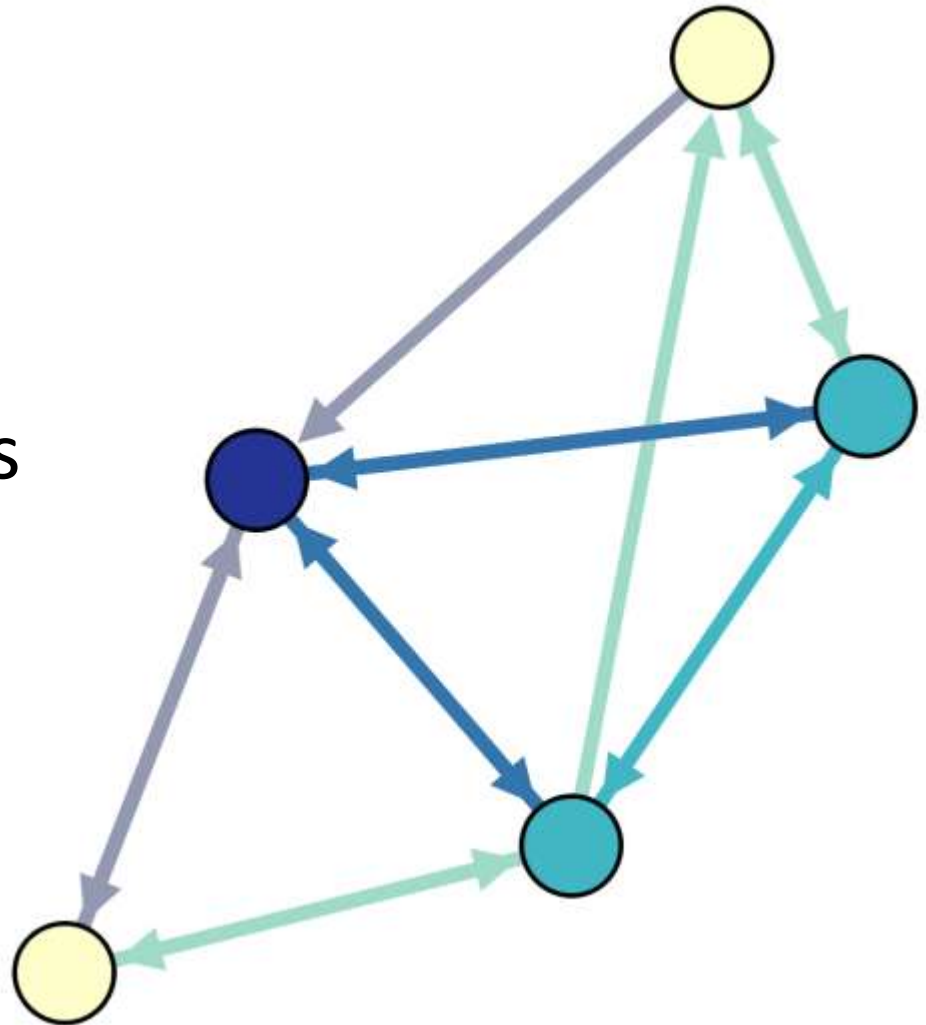
Question Examples

- Who do you collaborate with in relation to harm reduction? [respondent lists collaborators]
- What is the nature of your work together? [advocacy, funding, committees, supply availability etc.]
- This collaboration is more effective than average in meeting my organization's goals in related to harm reduction.

Strongly disagree	Disagree	Slightly disagree	Neutral	Slightly agree	Agree	Strongly agree
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Analysis

- Generating maps
- Network measures
- Possibility of connecting networks

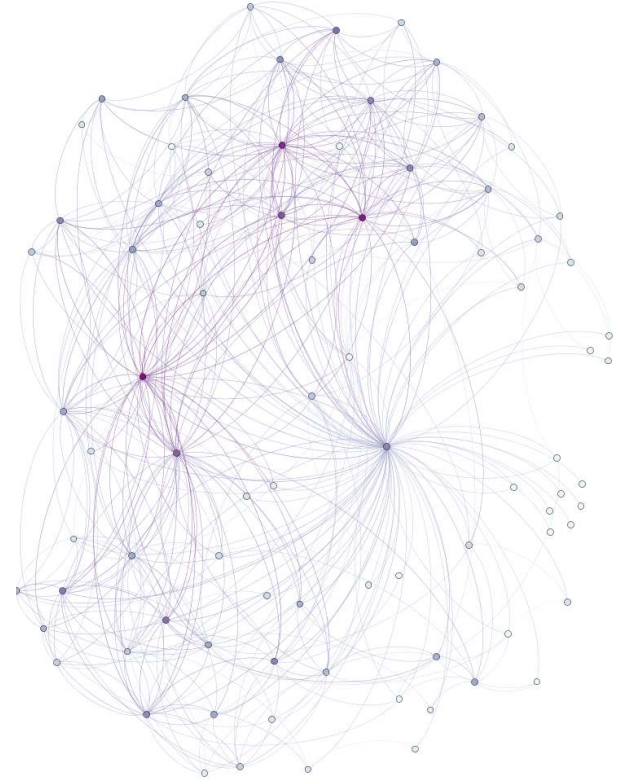
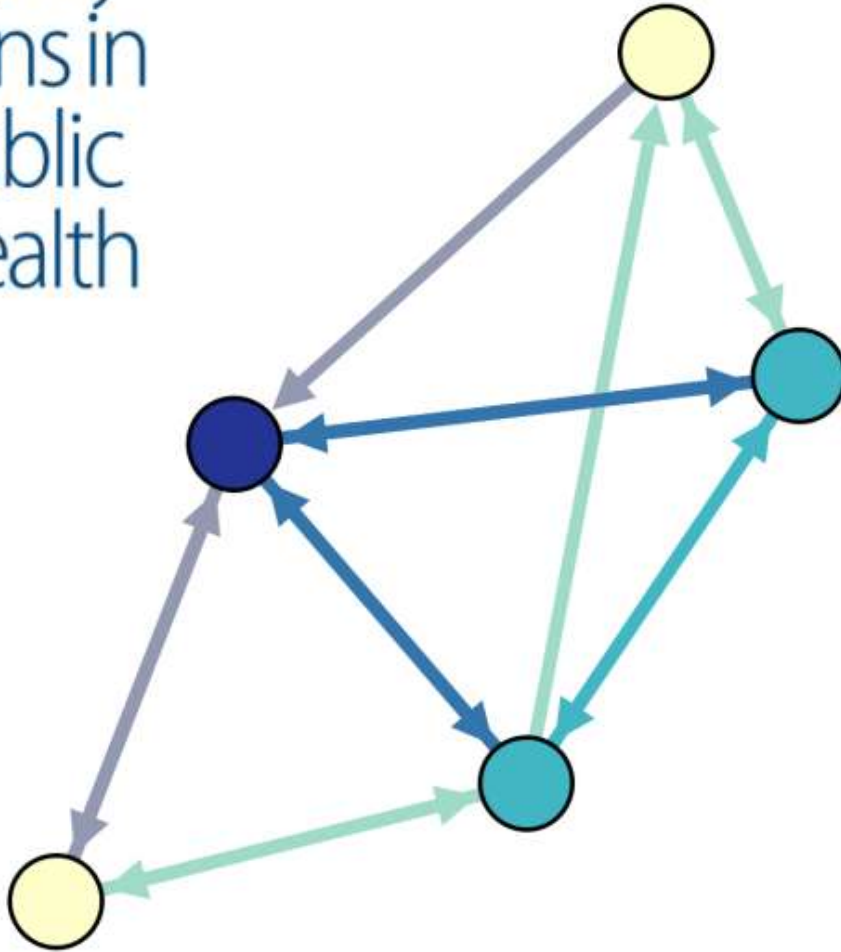


Software

- PARTNER Tool
- Gephi
- Netvizz – Facebook application
- UCINET
- EgoNet - egocentric data
- Pajek
- R

Questions?

Equity
Lens in
Public
Health



Funders



CIHR IRSC

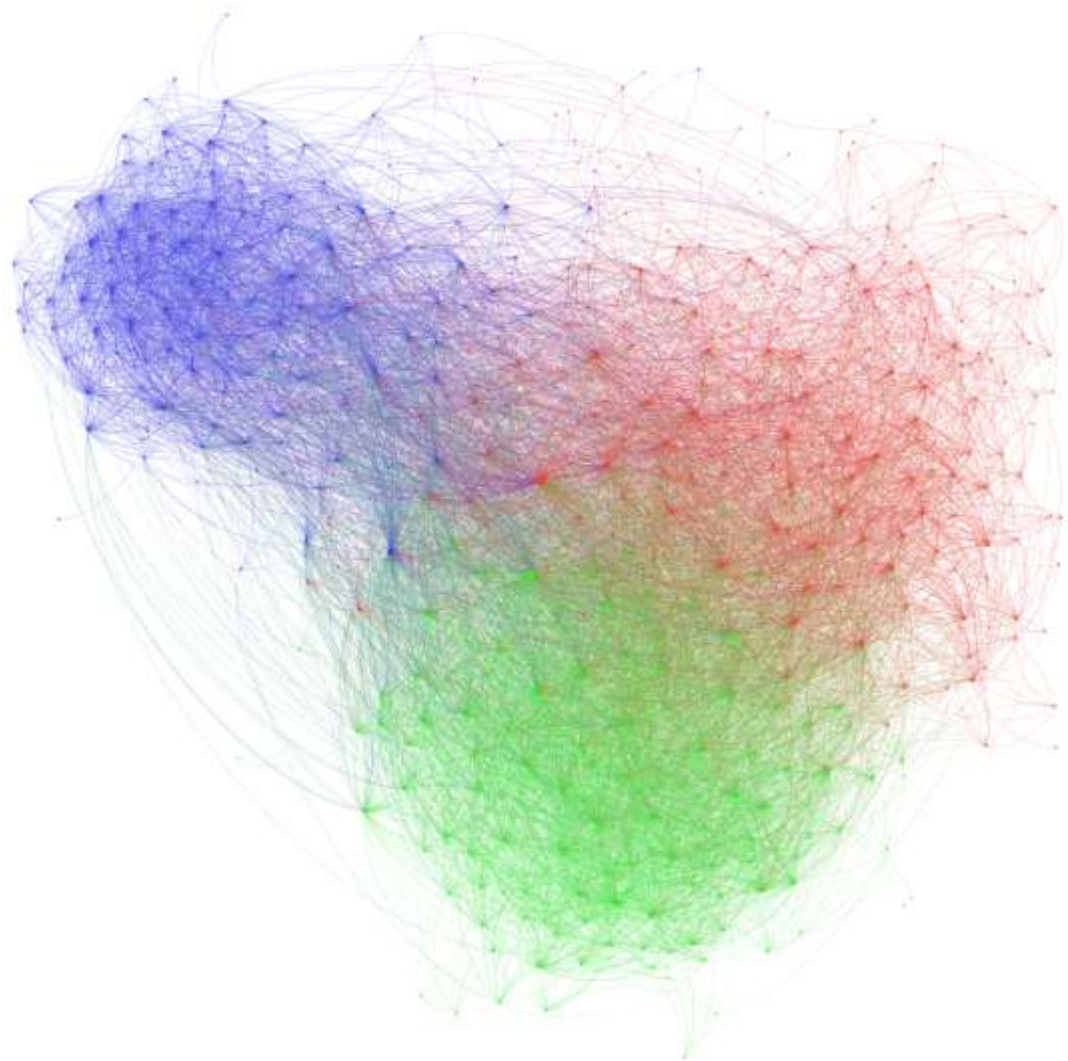
Canadian Institutes of
Health Research

Instituts de recherche
en santé du Canada



Public Health
Agency of Canada

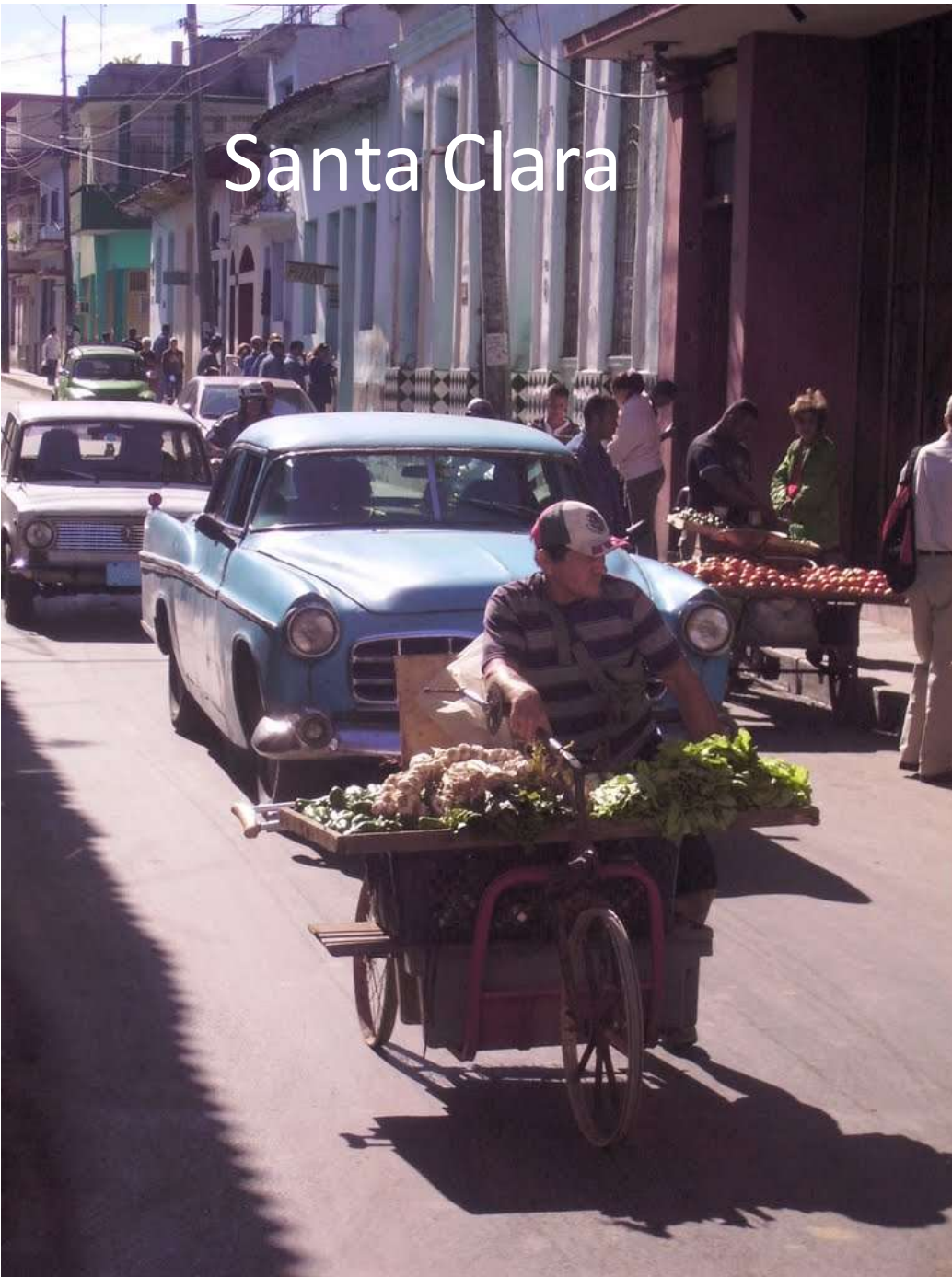
Agence de santé
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Example

Network analysis as a tool to assess the intersectoral management of health determinants at the local level: A report from an exploratory study of two Cuban municipalities

Santa Clara



Camajuaní

